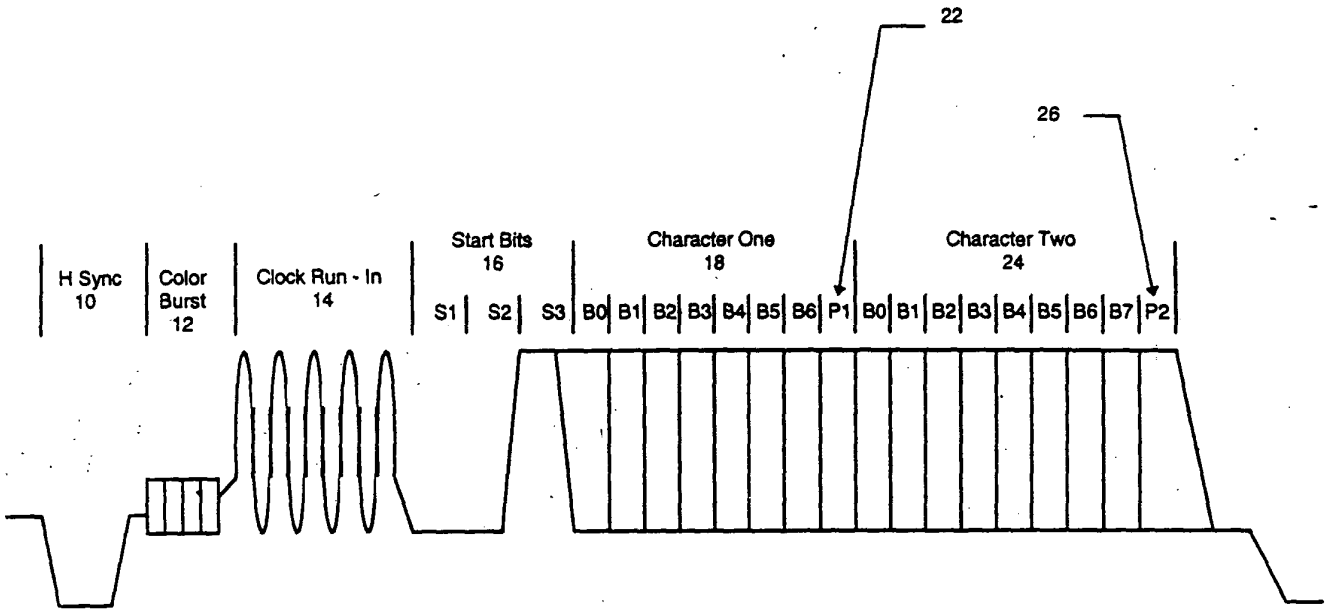

22
26
H Sync
10
Color
Burst
12
Clock Run - In
14
Start Bits
16
Character One
18
Character Two
24
S1
S2
S3
B0
B1
B2
B3
B4
B5
B6
P1
B0
B1
B2
B3
B4
B5
B6
B7
P2

Fig. 1

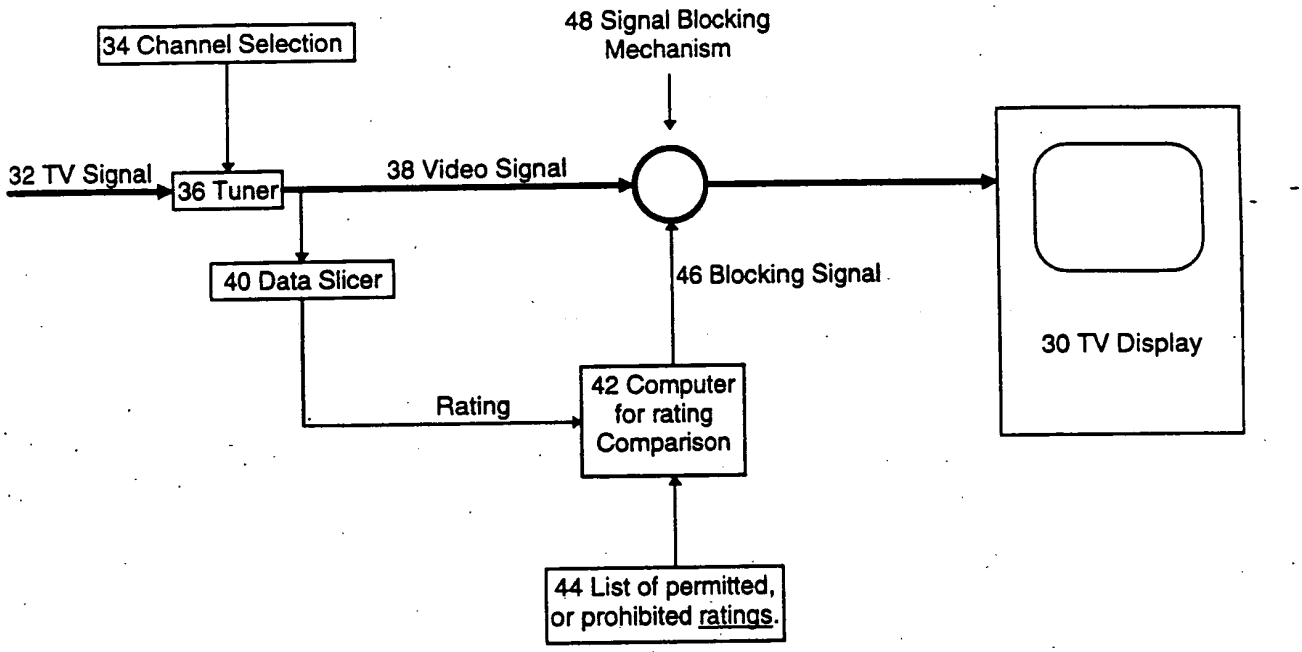

34 Channel Selection
48 Signal Blocking Mechanism
32 TV Signal
36 Tuner
38 Video Signal
40 Data Slicer
46 Blocking Signal
30 TV Display
Rating
42 Computer for rating Comparison
44 List of permitted, or prohibited ratings.

Fig. 2

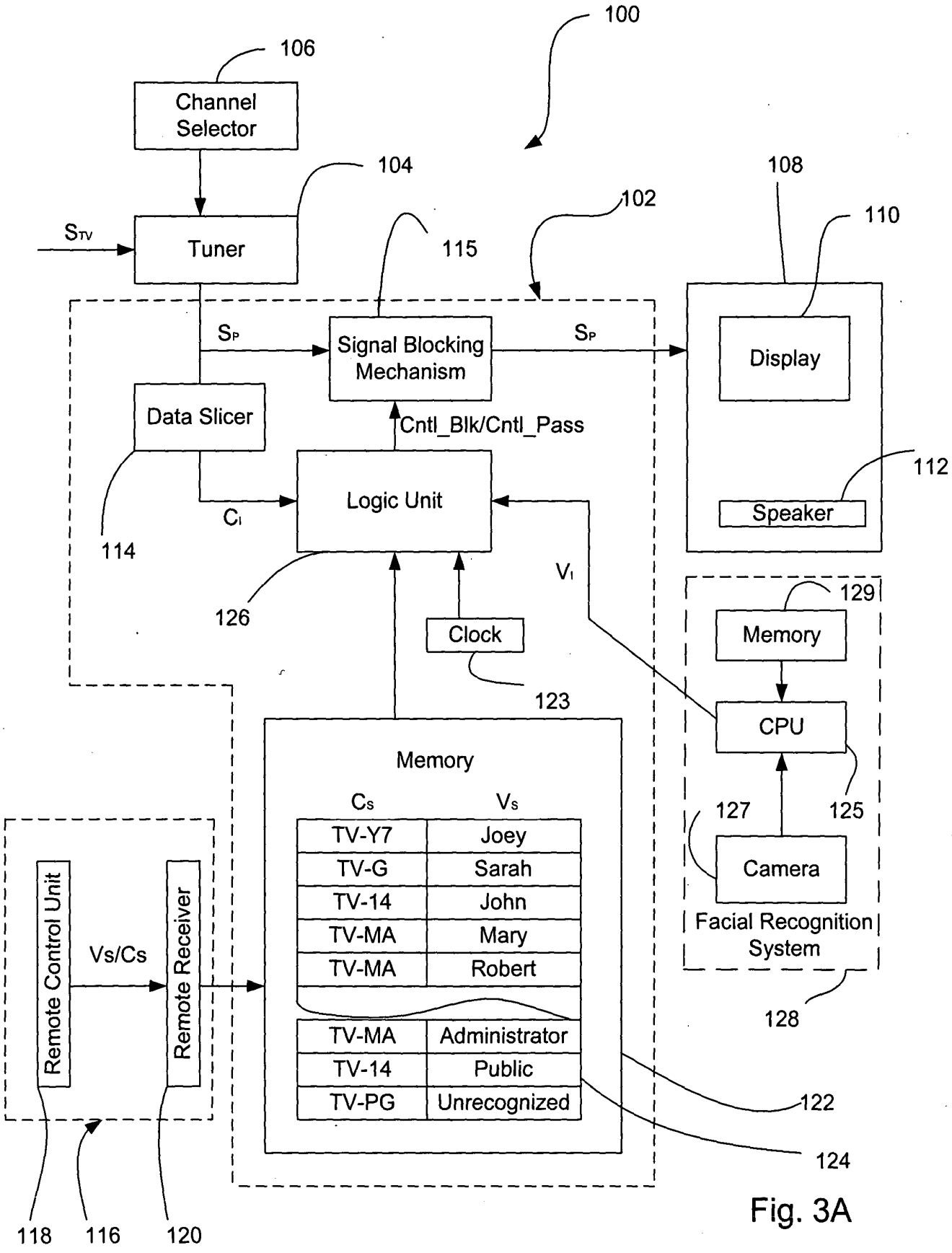

100
106
Channel Selector
104
Tuner
S_{TV}
102
115
108
110
Display
S_P
Signal Blocking Mechanism
S_P
Data Slicer
Cntl_Blk/Cntl_Pass
112
Speaker
Logic Unit
C_I
114
V_I
126
129
Memory
Clock
123
CPU
Memory
C_S
V_S
127
125
Camera
Facial Recognition System
TV-Y7
Joey
TV-G
Sarah
TV-14
John
TV-MA
Mary
TV-MA
Robert
TV-MA
Administrator
TV-14
Public
TV-PG
Unrecognized
128
122
124
Remote Control Unit
Vs/Cs
Remote Receiver
118
116
120

Fig. 3A

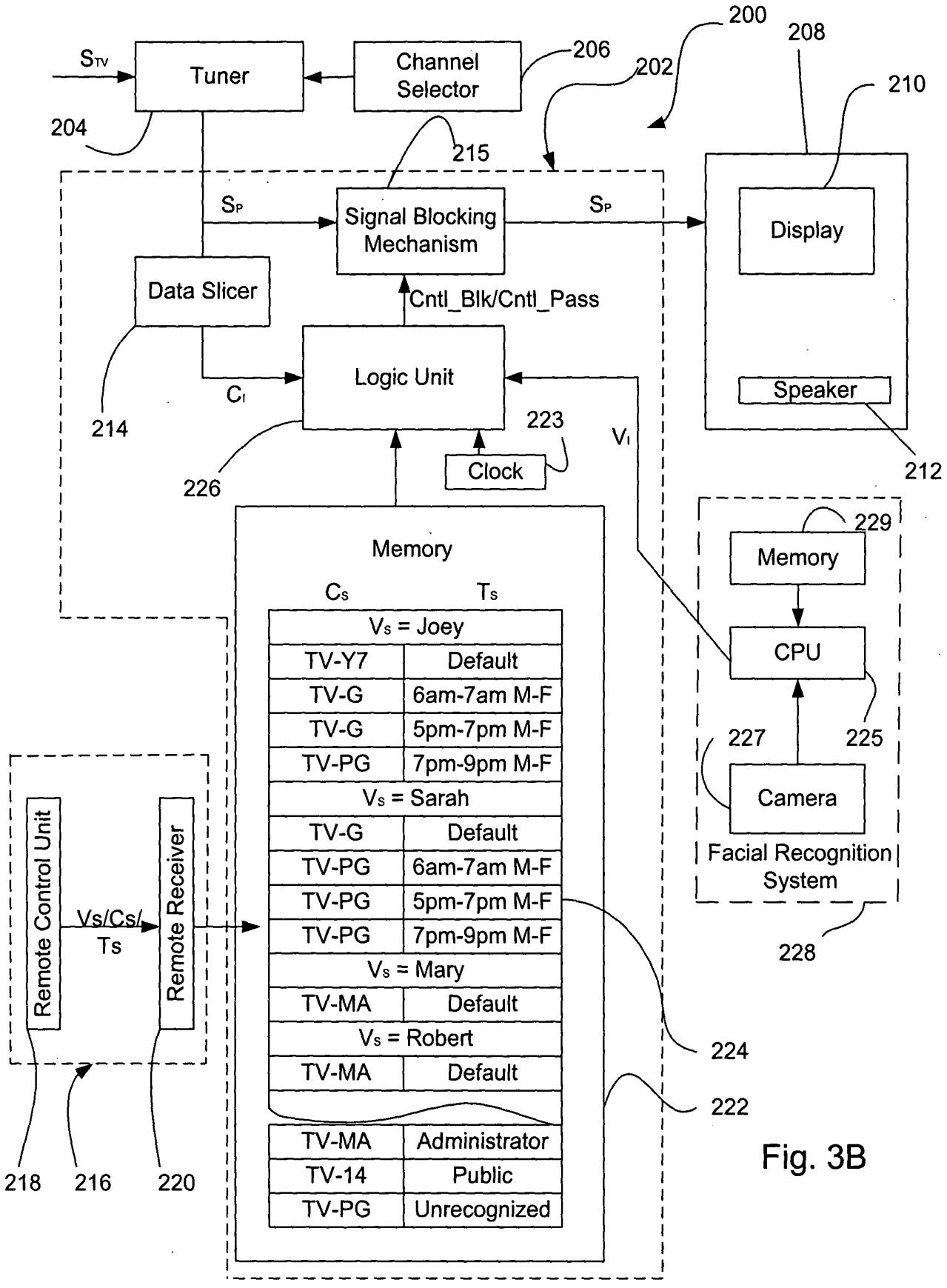

200
208
S_{TV}
Tuner
Channel Selector
206
202
210
204
215
S_P
Signal Blocking Mechanism
S_P
Display
Data Slicer
Cntl_Blk/Cntl_Pass
Logic Unit
Speaker
214
C_I
223
V_I
226
Clock
212
229
Memory
Memory
C_S
T_S
CPU
V_S = Joey
TV-Y7
Default
TV-G
6am-7am M-F
TV-G
5pm-7pm M-F
TV-PG
7pm-9pm M-F
227
225
V_S = Sarah
Camera
TV-G
Default
TV-PG
6am-7am M-F
Facial Recognition System
TV-PG
5pm-7pm M-F
TV-PG
7pm-9pm M-F
228
V_S = Mary
TV-MA
Default
Remote Control Unit
Vs/Cs/Ts
Remote Receiver
V_S = Robert
224
TV-MA
Default
222
TV-MA
Administrator
TV-14
Public
TV-PG
Unrecognized
218
216
220

Fig. 3B

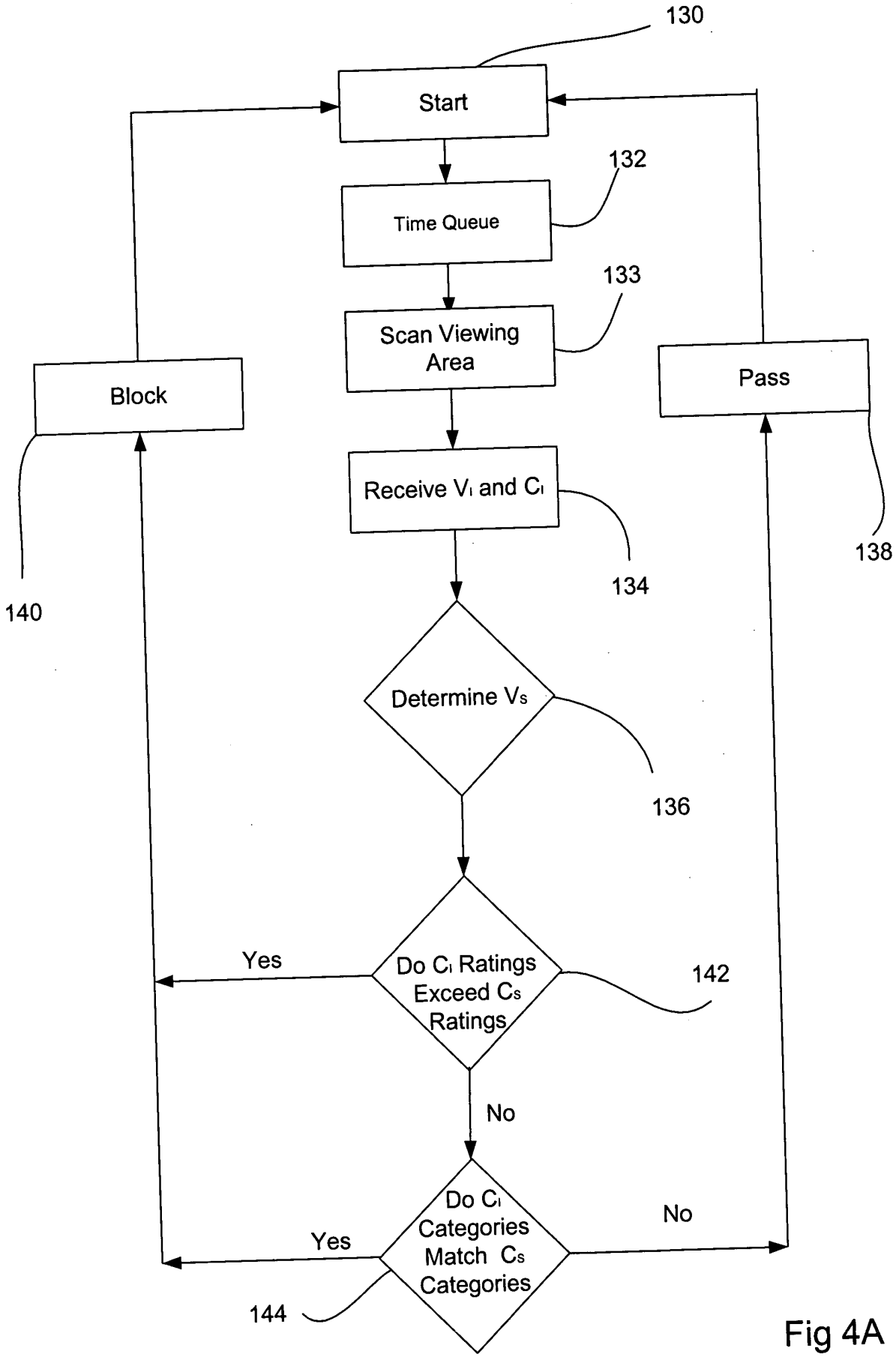

130
Start
132
Time Queue
133
Scan Viewing Area
Block
Pass
Receive Vi and Ci
140
138
134
Determine Vs
136
Yes
Do Ci Ratings Exceed Cs Ratings
142
No
Do Ci Categories Match Cs Categories
Yes
No
144

Fig 4A

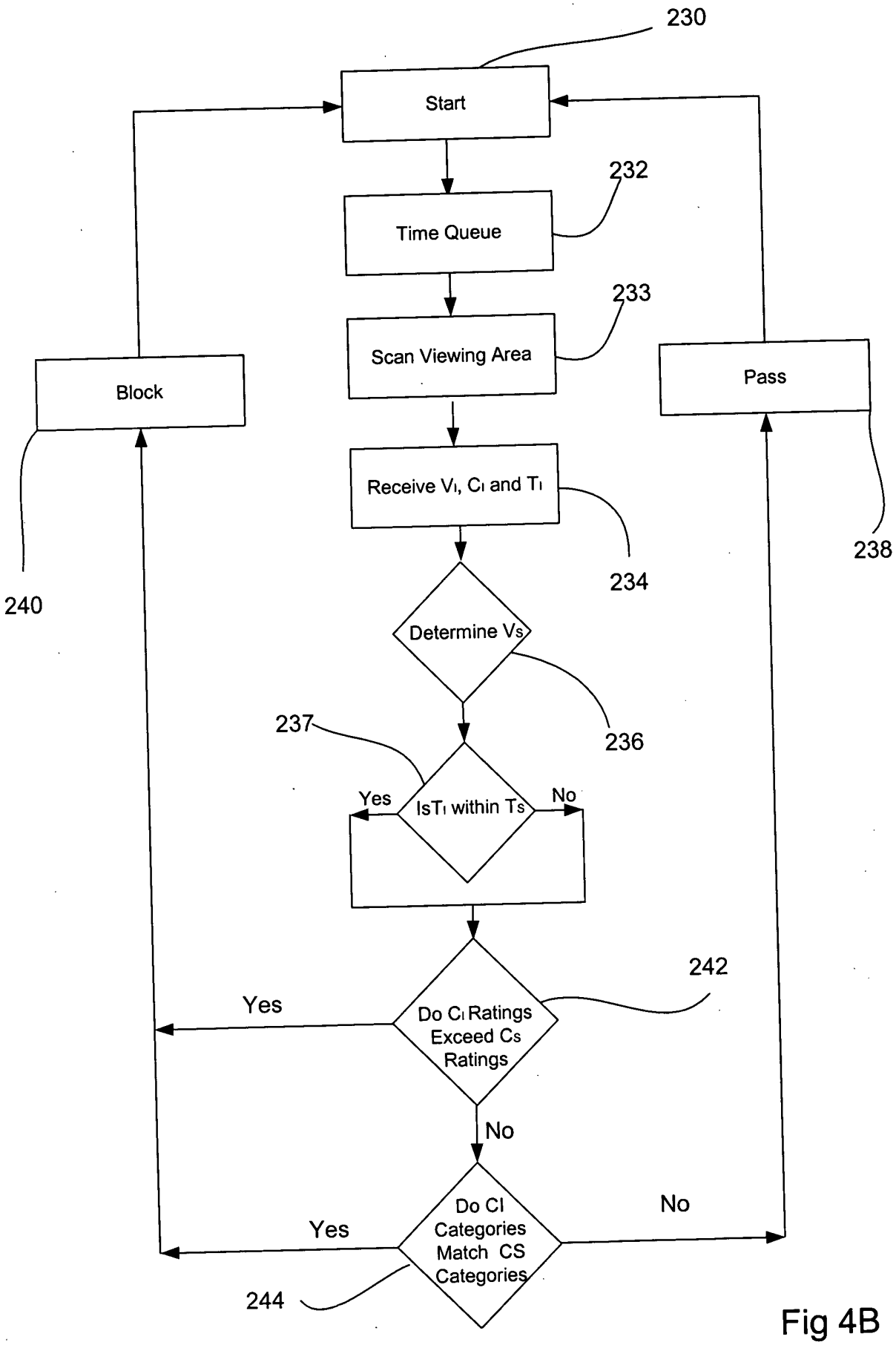

230
Start
232
Time Queue
233
Scan Viewing Area
Block
Pass
Receive V_I, C_I and T_I
240
234
238
Determine V_S
236
237
Yes
Is T_I within T_S
No
242
Yes
Do C_I Ratings Exceed C_S Ratings
No
Do CI Categories Match CS Categories
No
Yes
244

Fig 4B

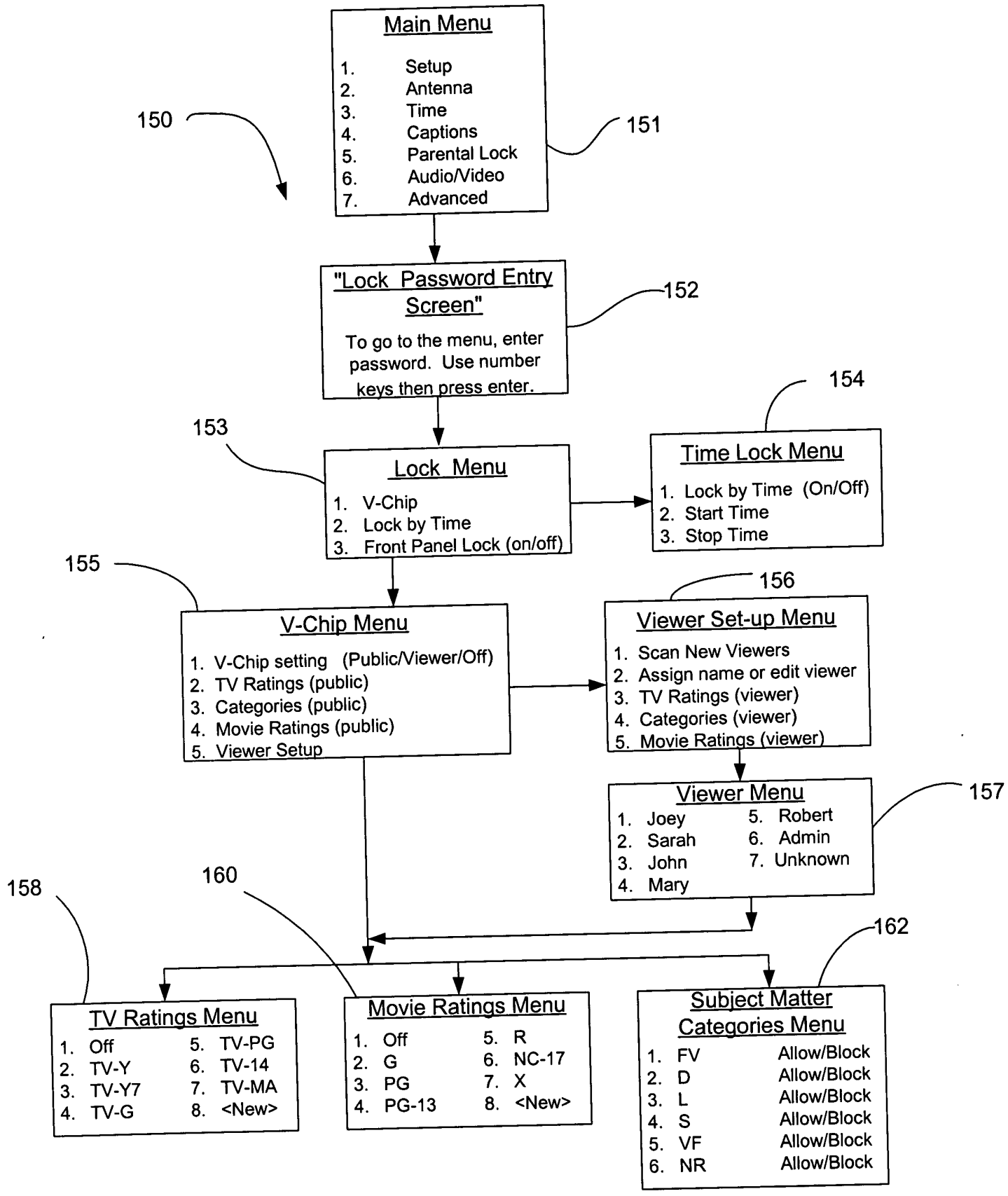

Main Menu
1. Setup
2. Antenna
3. Time
4. Captions
5. Parental Lock
6. Audio/Video
7. Advanced
150
151
"Lock Password Entry Screen"
To go to the menu, enter password. Use number keys then press enter.
152
153
Lock Menu
1. V-Chip
2. Lock by Time
3. Front Panel Lock (on/off)
154
Time Lock Menu
1. Lock by Time (On/Off)
2. Start Time
3. Stop Time
155
V-Chip Menu
1. V-Chip setting (Public/Viewer/Off)
2. TV Ratings (public)
3. Categories (public)
4. Movie Ratings (public)
5. Viewer Setup
156
Viewer Set-up Menu
1. Scan New Viewers
2. Assign name or edit viewer
3. TV Ratings (viewer)
4. Categories (viewer)
5. Movie Ratings (viewer)
Viewer Menu
1. Joey
2. Sarah
3. John
4. Mary
5. Robert
6. Admin
7. Unknown
157
158
160
162
TV Ratings Menu
1. Off
2. TV-Y
3. TV-Y7
4. TV-G
5. TV-PG
6. TV-14
7. TV-MA
8. <New>
Movie Ratings Menu
1. Off
2. G
3. PG
4. PG-13
5. R
6. NC-17
7. X
8. <New>
Subject Matter Categories Menu
1. FV Allow/Block
2. D Allow/Block
3. L Allow/Block
4. S Allow/Block
5. VF Allow/Block
6. NR Allow/Block

Fig. 5A

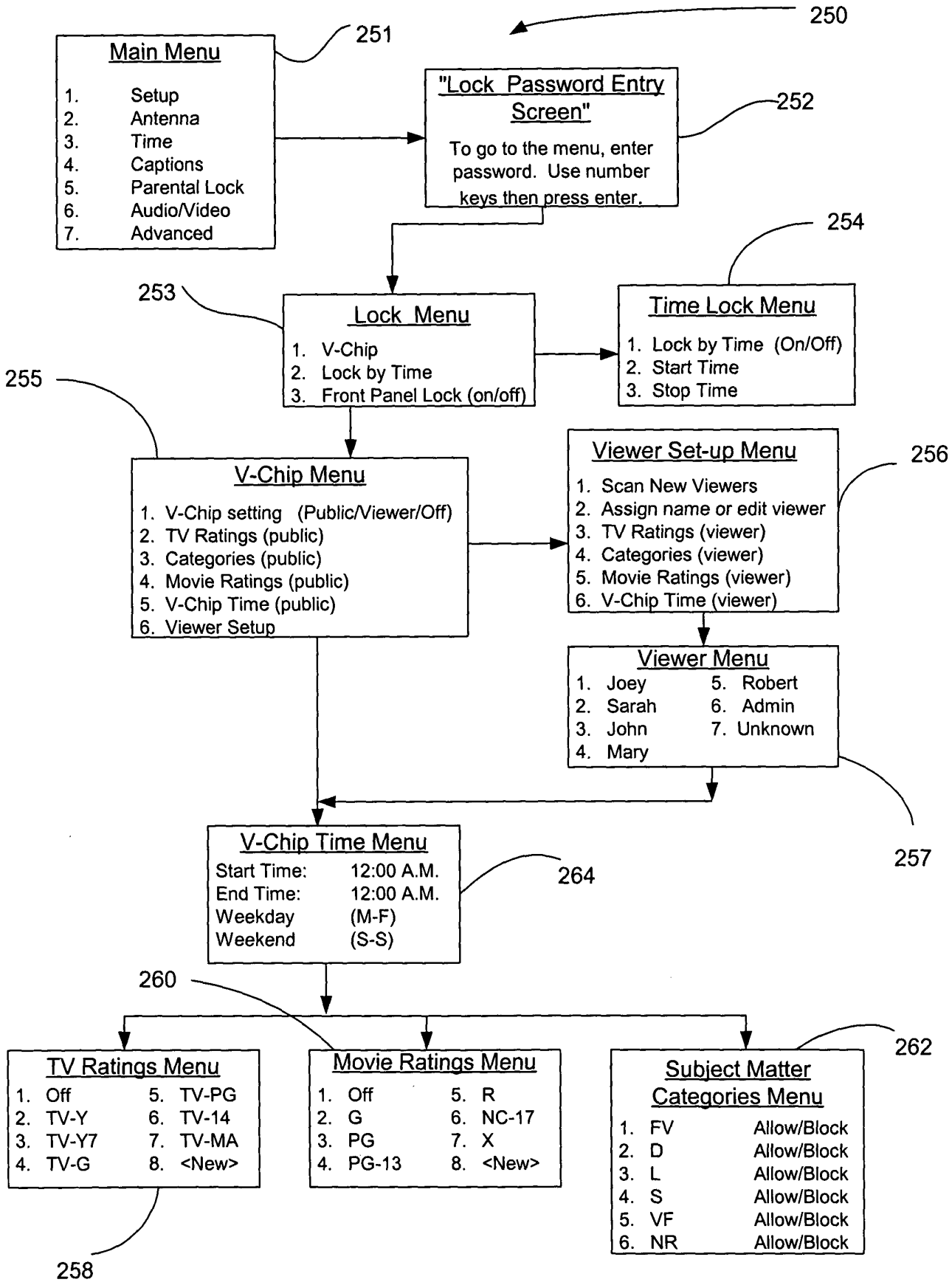
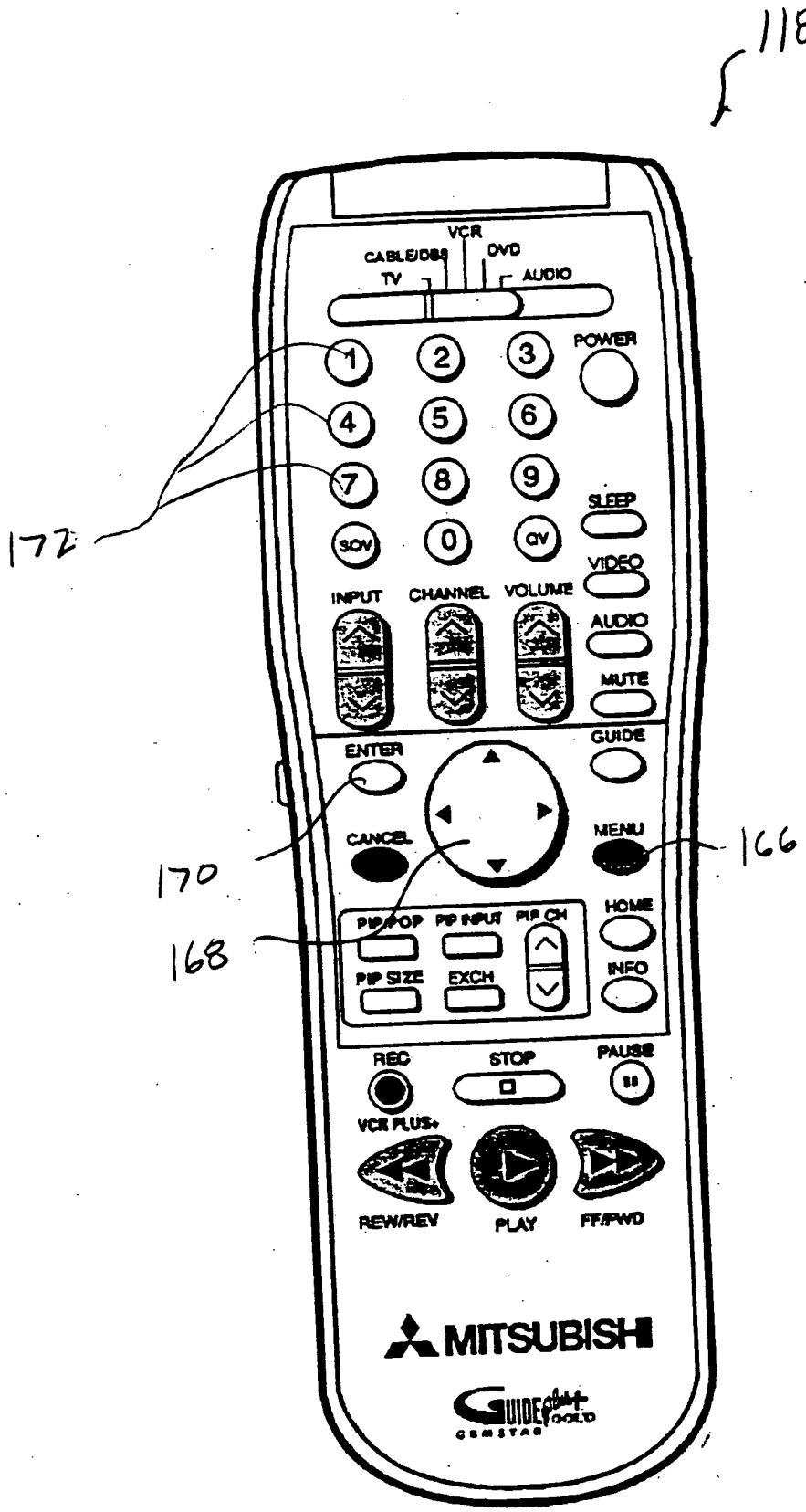

250
Main Menu
1. Setup
2. Antenna
3. Time
4. Captions
5. Parental Lock
6. Audio/Video
7. Advanced
251
"Lock Password Entry Screen"
To go to the menu, enter password. Use number keys then press enter.
252
254
253
Lock Menu
1. V-Chip
2. Lock by Time
3. Front Panel Lock (on/off)
Time Lock Menu
1. Lock by Time (On/Off)
2. Start Time
3. Stop Time
255
V-Chip Menu
1. V-Chip setting (Public/Viewer/Off)
2. TV Ratings (public)
3. Categories (public)
4. Movie Ratings (public)
5. V-Chip Time (public)
6. Viewer Setup
Viewer Set-up Menu
1. Scan New Viewers
2. Assign name or edit viewer
3. TV Ratings (viewer)
4. Categories (viewer)
5. Movie Ratings (viewer)
6. V-Chip Time (viewer)
256
Viewer Menu
1. Joey
2. Sarah
3. John
4. Mary
5. Robert
6. Admin
7. Unknown
257
V-Chip Time Menu
Start Time: 12:00 A.M.
End Time: 12:00 A.M.
Weekday (M-F)
Weekend (S-S)
264
260
TV Ratings Menu
1. Off
2. TV-Y
3. TV-Y7
4. TV-G
5. TV-PG
6. TV-14
7. TV-MA
8. <New>
Movie Ratings Menu
1. Off
2. G
3. PG
4. PG-13
5. R
6. NC-17
7. X
8. <New>
262
Subject Matter Categories Menu
1. FV Allow/Block
2. D Allow/Block
3. L Allow/Block
4. S Allow/Block
5. VF Allow/Block
6. NR Allow/Block
258

Fig. 5B

FIG. 6


118
172
170
168
166
VCR
CABLE/DSS
DVD
TV
AUDIO
POWER
1
2
3
4
5
6
7
8
9
SLEEP
SOV
0
CV
VIDEO
INPUT
CHANNEL
VOLUME
AUDIO
MUTE
ENTER
GUIDE
CANCEL
MENU
PIP POP
PIP INPUT
PIP CH
HOME
PIP SIZE
EXCH
INFO
REC
STOP
PAUSE
VCR PLUS+
REW/REV
PLAY
FF/FWD
MITSUBISHI

TV Rating	FV	D	L	S	V
TV – Y					
TV – Y7	X				
TV – G					
TV – PG		X	X	X	X
TV – 14		X	X	X	X
TV – MA			X	X	X

Fig. 7